

## Appendix H

### **H. Sector H - Coal Mines and Coal Mining Related Facilities.**

#### 1. Covered Stormwater Discharges.

The requirements in Part VI for Sector H apply to stormwater discharges associated with industrial activity from Coal Mines and Coal Mining Related facilities as identified by the SIC Codes specified below.

<b>SECTOR H: COAL MINES AND COAL MINING RELATED FACILITIES</b>	
1221-1241	Coal Mines and Coal Mining-Related Facilities

#### 2. Industrial Activities Covered by Sector H.

Stormwater discharges from the following portions of coal mines may be eligible for this permit:

- a. haul roads (nonpublic roads on which coal or coal refuse is conveyed);
- b. access roads (nonpublic roads providing light vehicular traffic within the facility property and to public roadways);
- c. railroad spurs, siding and internal haulage lines (rail lines used for hauling coal within the facility property and to offsite commercial railroad lines or loading areas);
- d. conveyor belts, chutes and aerial tramway haulage areas (areas under and around coal or refuse conveyer areas, including transfer stations); and
- e. equipment storage and maintenance yards, coal handling buildings and structures, and inactive coal mines and related areas (abandoned and other inactive mines, refuse disposal sites and other mining-related areas).

#### 3. Limitation on Coverage.

- a. *Prohibition of Non-Stormwater Discharges.* (See also Part I(B)(2-3)) Not covered by this permit: discharges from pollutant seeps or underground drainage from inactive coal mines and refuse disposal areas that do not result from precipitation events; and discharges from floor drains in maintenance buildings and other similar drains in mining and preparation plant areas.
- b. *Discharges Subject to Stormwater Effluent Guidelines.* (See also Part I(B)(3)(a)).

#### 4. Stormwater Pollution Prevention Plan (SWPPP) Requirements.

In addition to the following requirements, the permittee must also comply with the requirements listed in Part IV of the MSGP.

- a. *Other Applicable Regulations.* Most active coal mining-related areas (SIC Codes

1221-1241) are subject to sediment and erosion control regulations of the U.S. Office of Surface Mining (OSM) that enforces the Surface Mining Control and Reclamation Act (SMCRA). OSM has granted authority to most coal producing states to implement SMCRA through State SMCRA regulations. All SMCRA requirements regarding control of stormwater-related pollutant discharges must be addressed in the SWPPP (directly or by reference).

- b. *Drainage Area Site Map.* (See also Part IV(F)(2)(b)) Also identify where any of the following may be exposed to precipitation / surface runoff: all applicable mining related areas described in (H)(2) of this Appendix; acidic spoil, refuse or unreclaimed disturbed areas, and liquid storage tanks containing pollutants such as caustics, hydraulic fluids and lubricants.
- c. *Potential Pollutant Sources.* (See also Part IV(F)(4)) Describe the following sources and activities that have potential pollutants associated with them: truck traffic on haul roads and resulting generation of sediment subject to runoff and dust generation; fuel or other liquid storage; pressure lines containing slurry, hydraulic fluid or other potential harmful liquids; and loading or temporary storage of acidic refuse / spoil.
- d. *Good Housekeeping Measures.* (See also Part IV(F)(7)(b)(i)) As part of the good housekeeping program, consider: using sweepers; covered storage; watering haul roads to minimize dust generation; and conserving vegetation (where possible) to minimize erosion.
- e. *Preventive Maintenance.* (See also Part IV(F)(7)(b)(i)) Also perform inspections of storage tanks and pressure lines of fuels, lubricants, hydraulic fluid or slurry to prevent leaks due to deterioration or faulty connections; or other equivalent measures.
- f. *Inspections of Active Mining-Related Areas and Inactive Areas Under SMCRA Bond Authority.* (See also Part IV(F)(7)(a-b)) Perform quarterly inspections of areas covered by this permit, corresponding with the inspections, as performed by SMCRA inspectors, of all mining-related areas required by SMCRA. Also maintain the records of the SMCRA authority representative.
- g. *Sediment and Erosion Control.* (See also Part IV(F)(7)(b)(ii)) As indicated in H.4.a of this Appendix, SMCRA requirements regarding sediment and erosion control measures are primary requirements of the SWPPP for mining-related areas subject to SMCRA authority.
- h. *Comprehensive Site Compliance Evaluation.* (See also Part IV(K)) Include in the evaluation program, inspections for pollutants entering the drainage system from activities located on or near coal mining-related areas. Among the areas to be inspected: haul and access roads; railroad spurs, sliding and internal hauling lines; conveyor belts, chutes and aerial tramways; equipment storage and maintenance yards; coal handling buildings / structures; and inactive mines and related areas.

5. Monitoring and Reporting Requirements. (See also Part V)

NUMERIC LIMITATIONS FOR COAL PILE RUNOFF			
Parameter	Limit	Monitoring Frequency	Sample Type
Total Suspended Solids (TSS) pH	50 mg/L, max	1/year	Grab.
	6.0-9.0 min. and max	1/year	Grab.